

# CONCEPT OF EXISTING SYSTEM

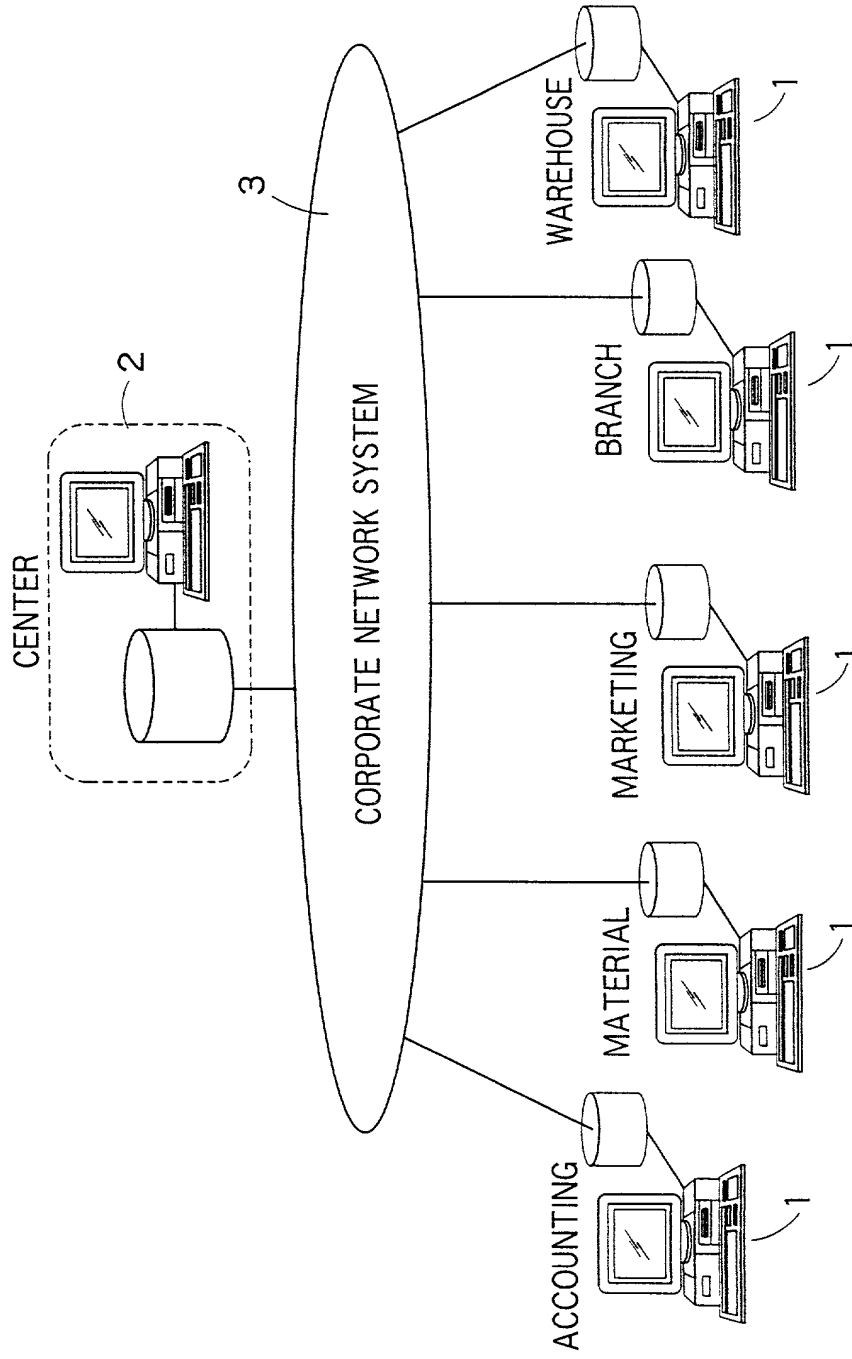


FIG. 1

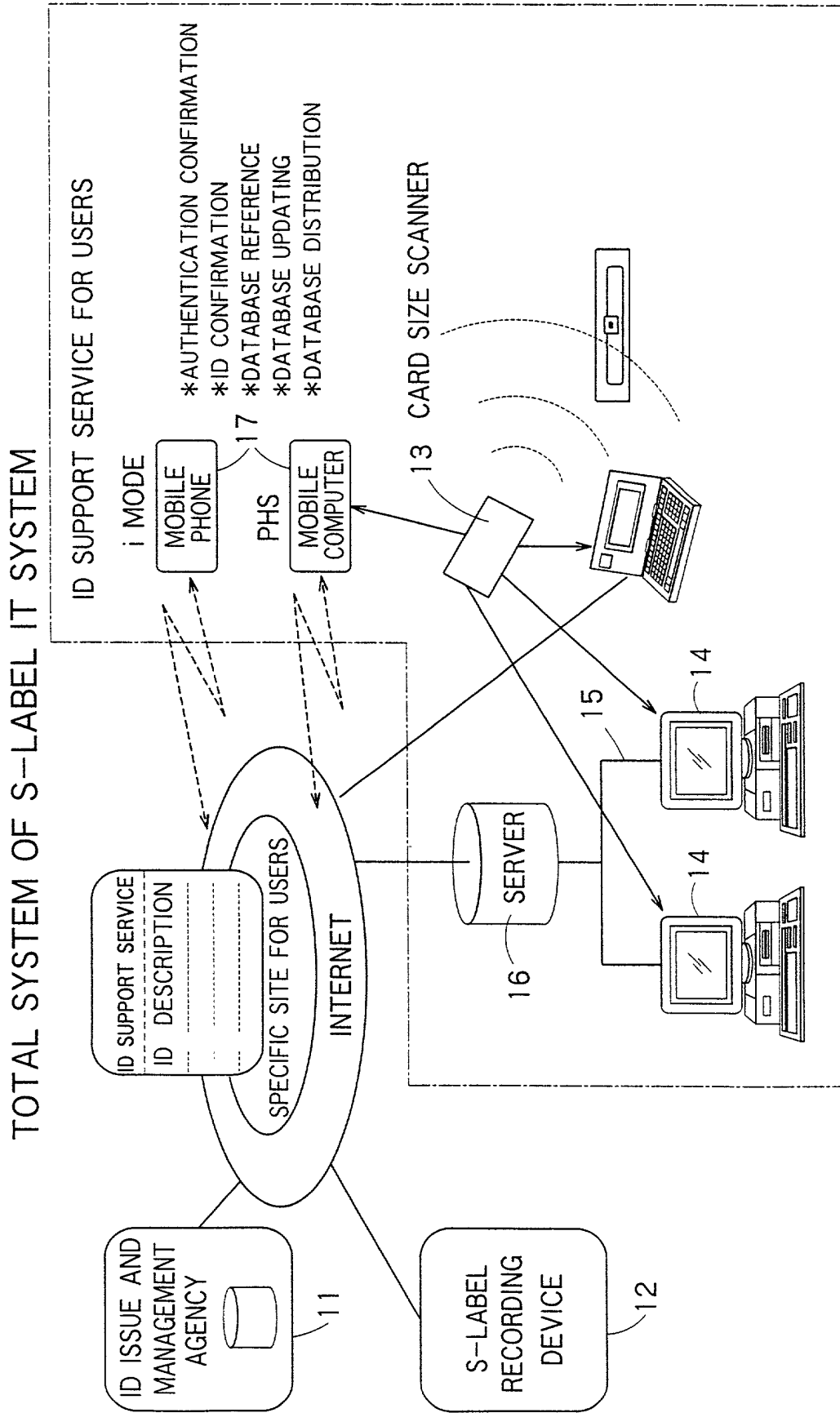


FIG. 2

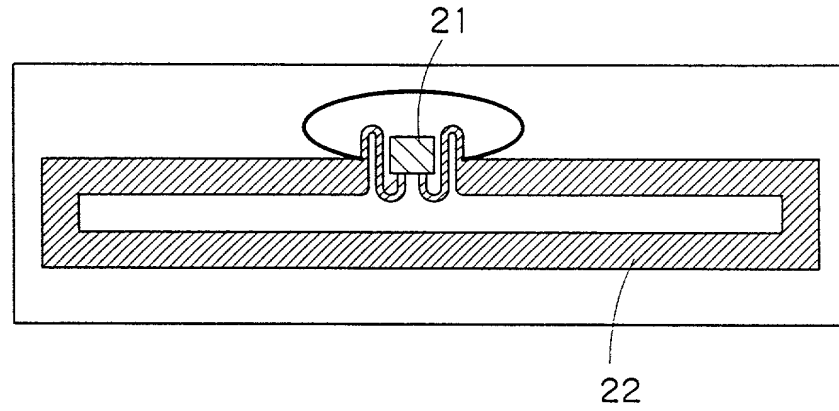


FIG. 3

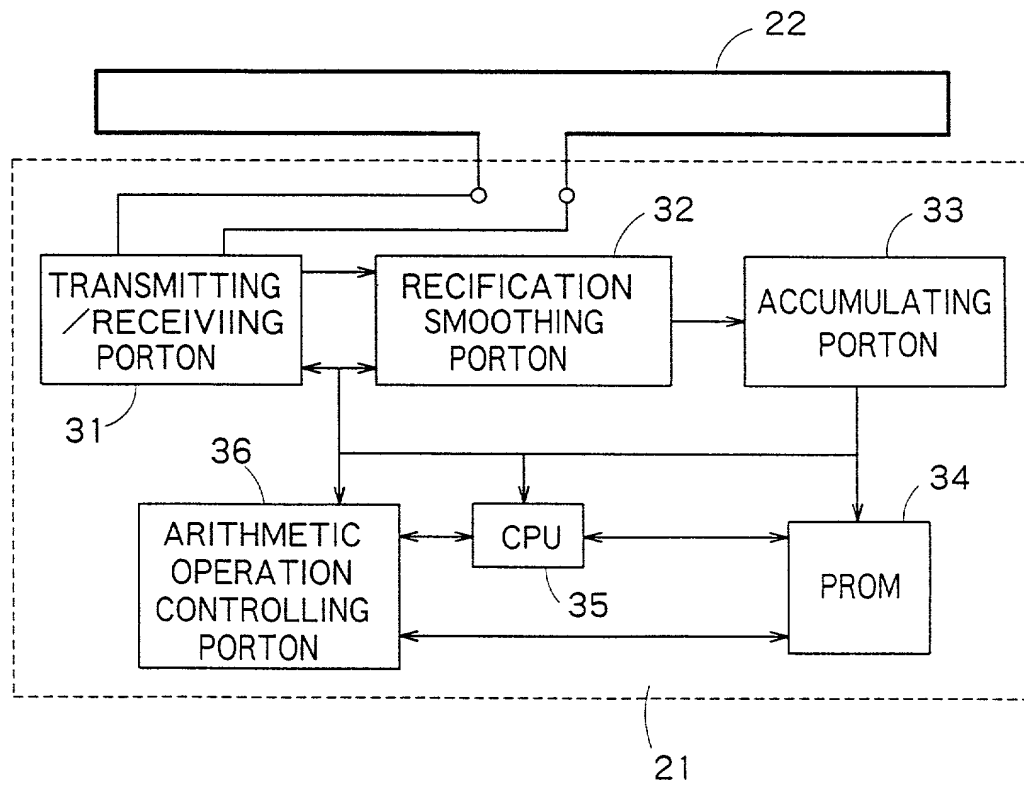


FIG. 4

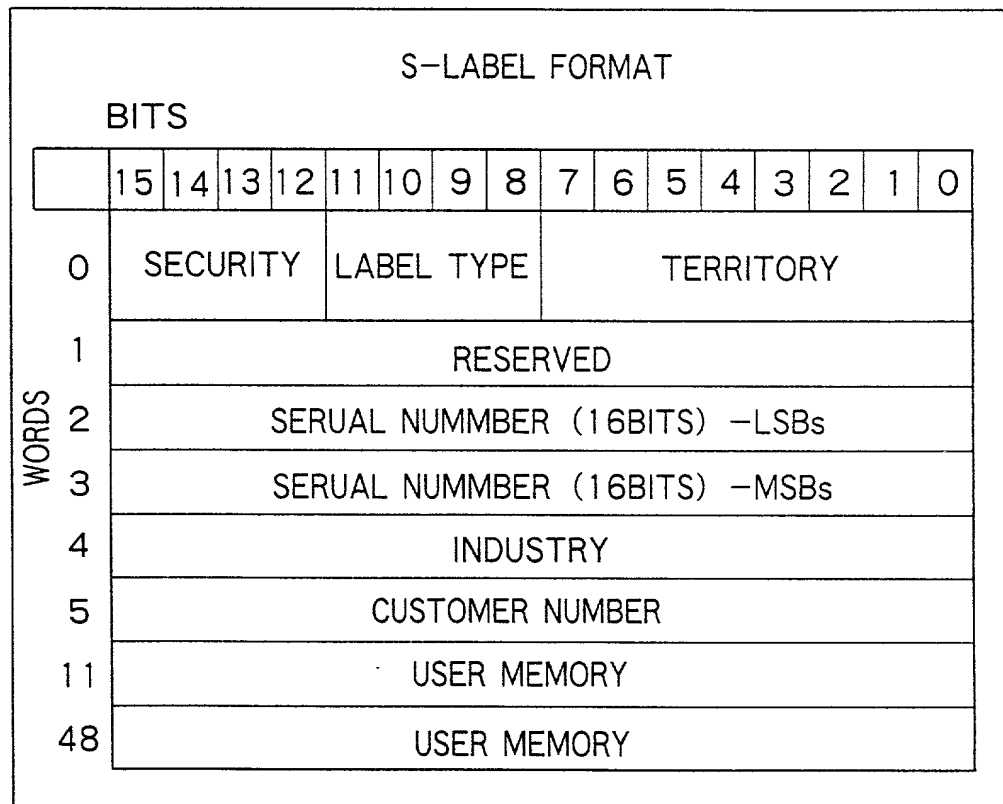


FIG. 5

S-LABEL		SCANNER	
STORAGE CAPACITY	1024 BIT	TRANSMISSION FREQUENCY	AID 2.45 GHZ
ACCESS MODE	READ / WRITE	ANTENNA POWER	300 mm
READ DISTANCE	60 ~ 100cm (REFERENCE VALUE)	OPERATING TEMPERATURE	0 °C ~ 40 °C
WRITE DISTANCE	5cm (REFERENCE VALUE)	INPUT/OUTPUT TERMINAL	SMA - (x2)
PROCESSING SPEED	READING 10ms WRITING 50ms	IMPEDANCE	50
OPERATING TEMPERATURE	-20 °C ~ 65 °C	DIMENSION	70 x 50 x 15mm
SAVING TEMPERATURE	-30 °C ~ 75 °C	WEIGHT	APPROXIMATELY 75g
SIZE	60.2mm x 9.4mm x 0.65mm	INPUT VOLTAGE	DC + 6V ± 10%
		POWER CONSUMPTION	APPROXIMATELY 4.5W (6V, 0.7A STANDARD)

FIG. 6

ANTENNA	
ANTENNA TYPE	MICROSTRIP PATCH ANTENNA
FREQUENCY	2.45 GHZ
CONDITION	INDOOR
OPERATING TEMPERATURE	0 °C ~ 50 °C
OPERATING HUMIDITY	20 ~ 80 %
WEIGHT	APPROXIMATELY 350 g
DIMENSION	STANDARD TYPE 160 x 160 x 26 mm

FIG. 7

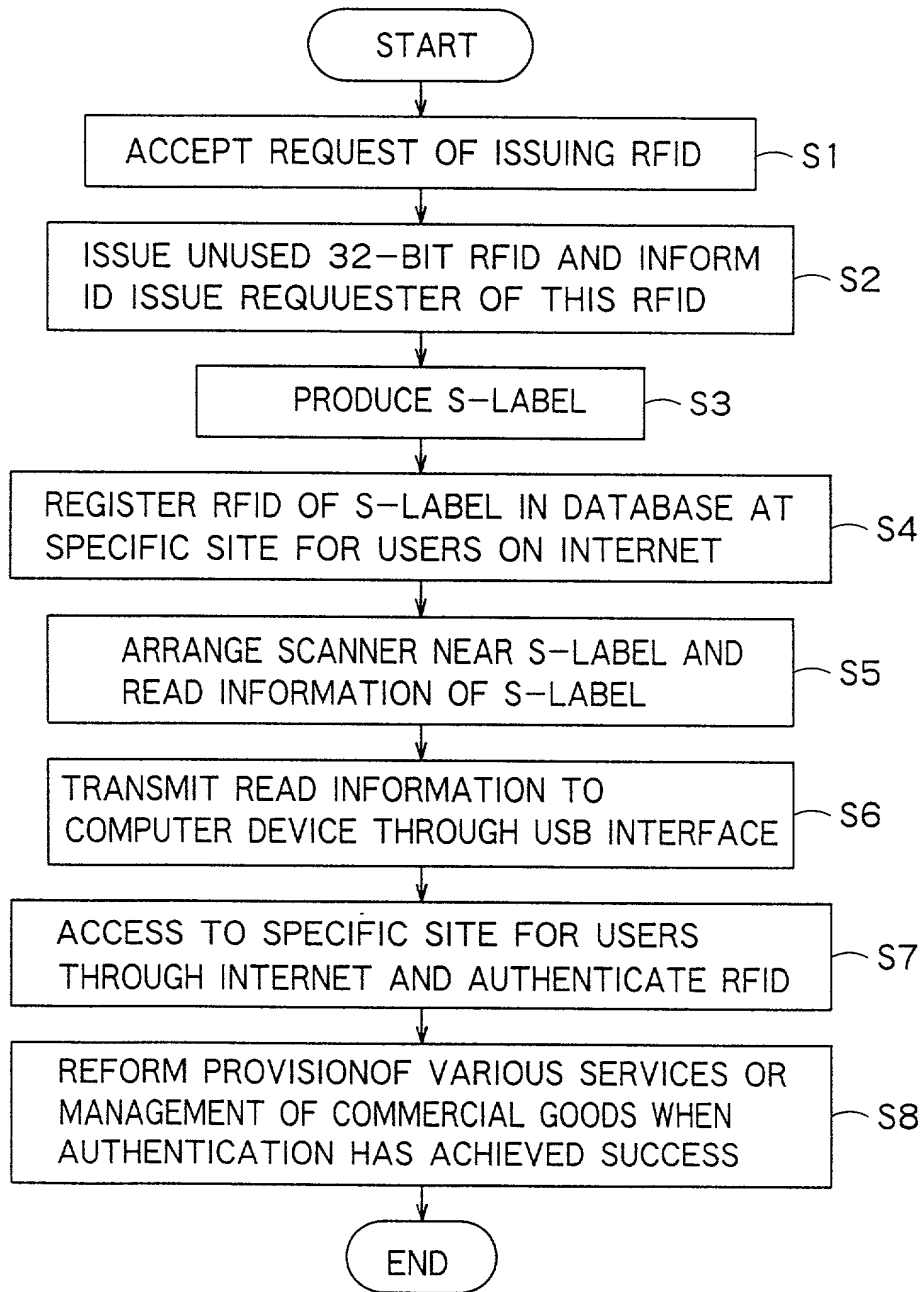


FIG. 8



# CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT II

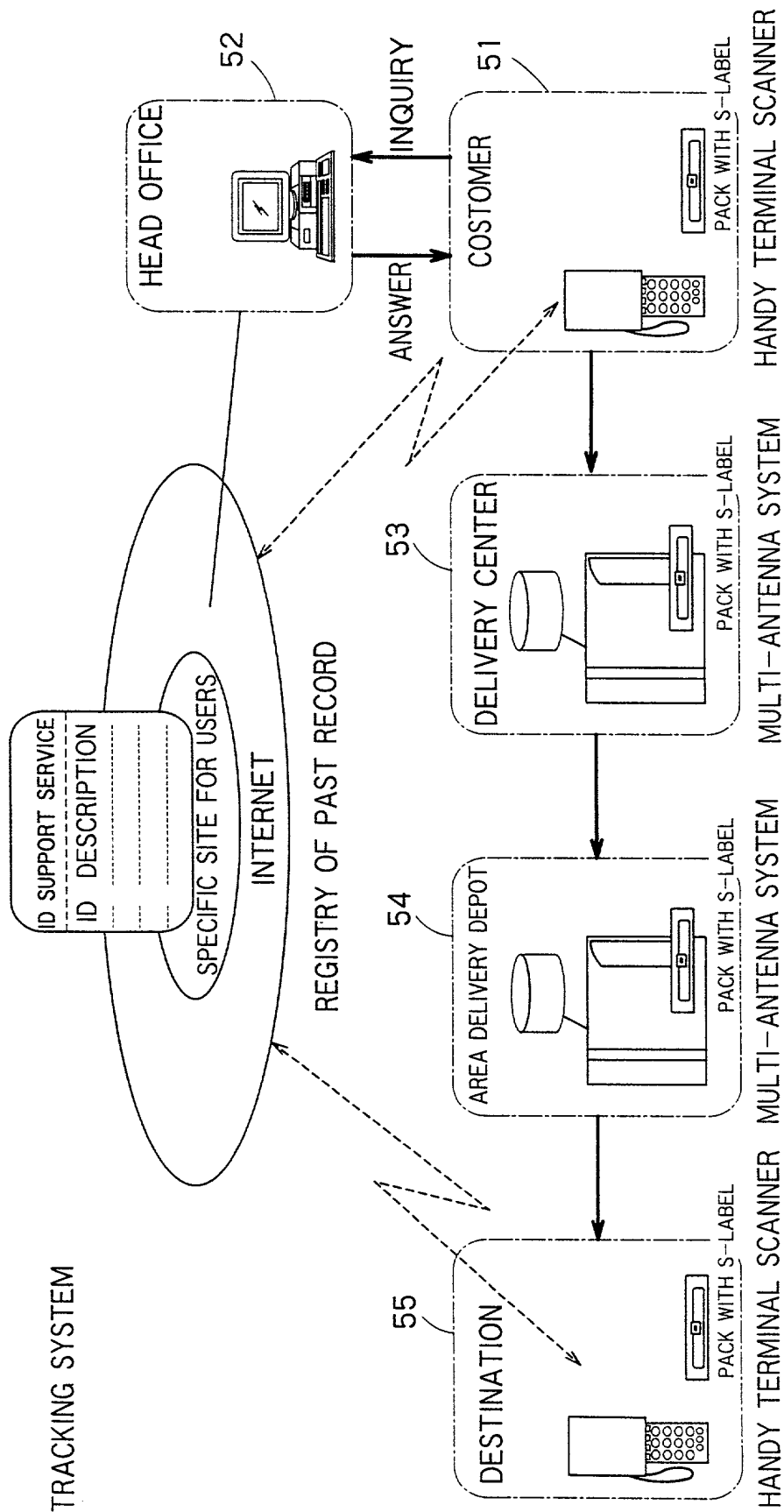


FIG. 10



# CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT IV

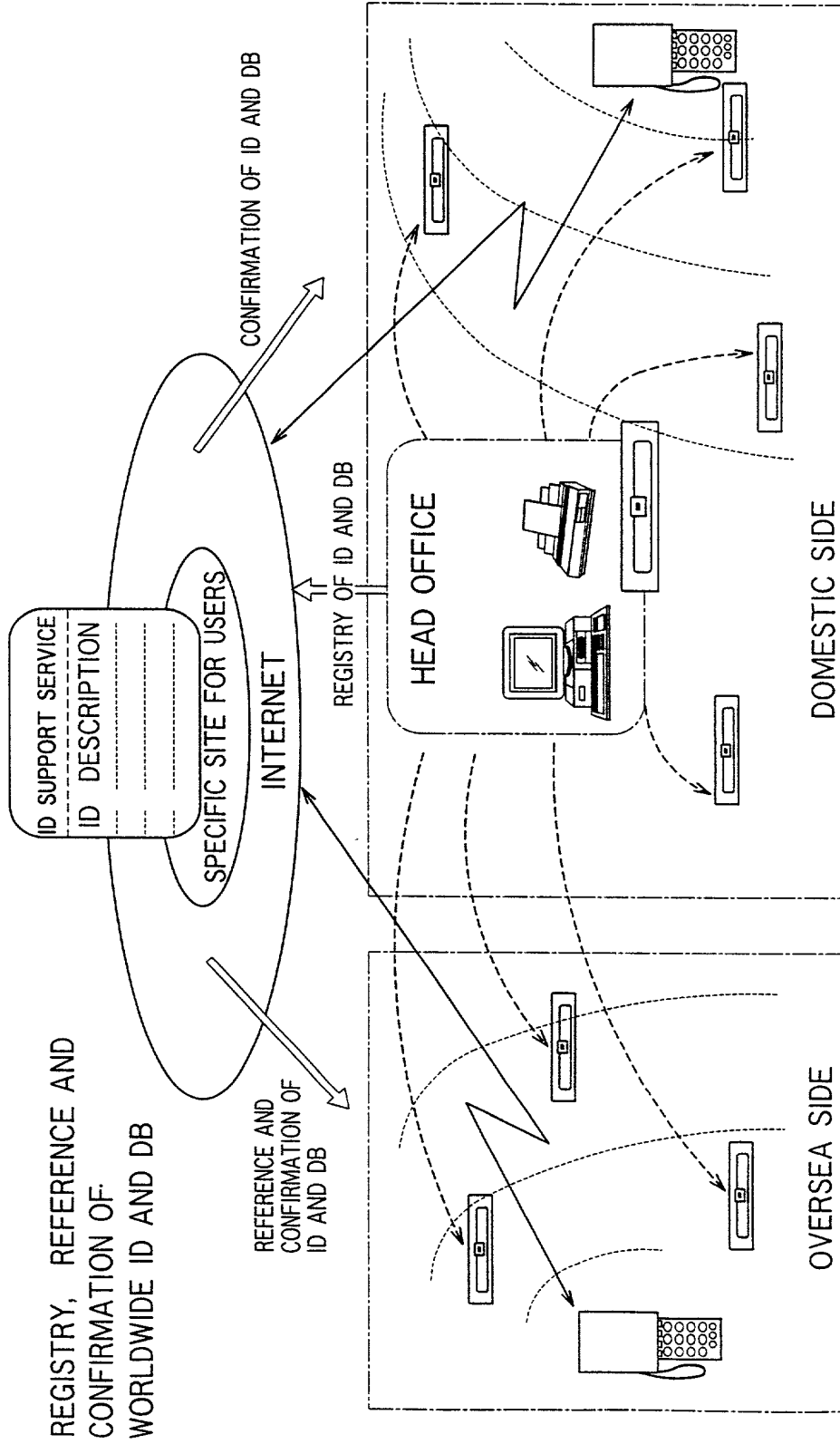


FIG. 11

# CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT III

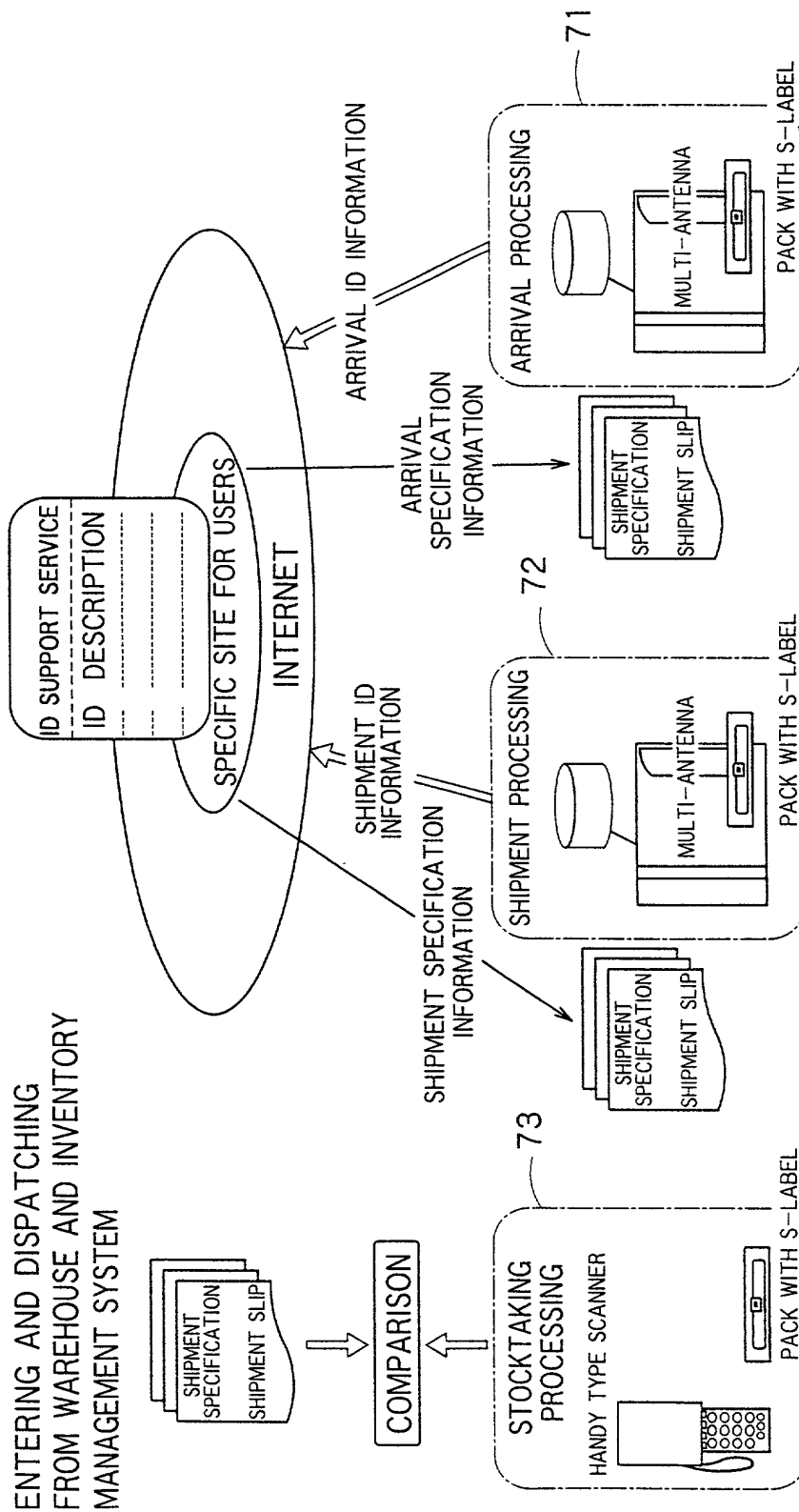


FIG. 12

# CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT V

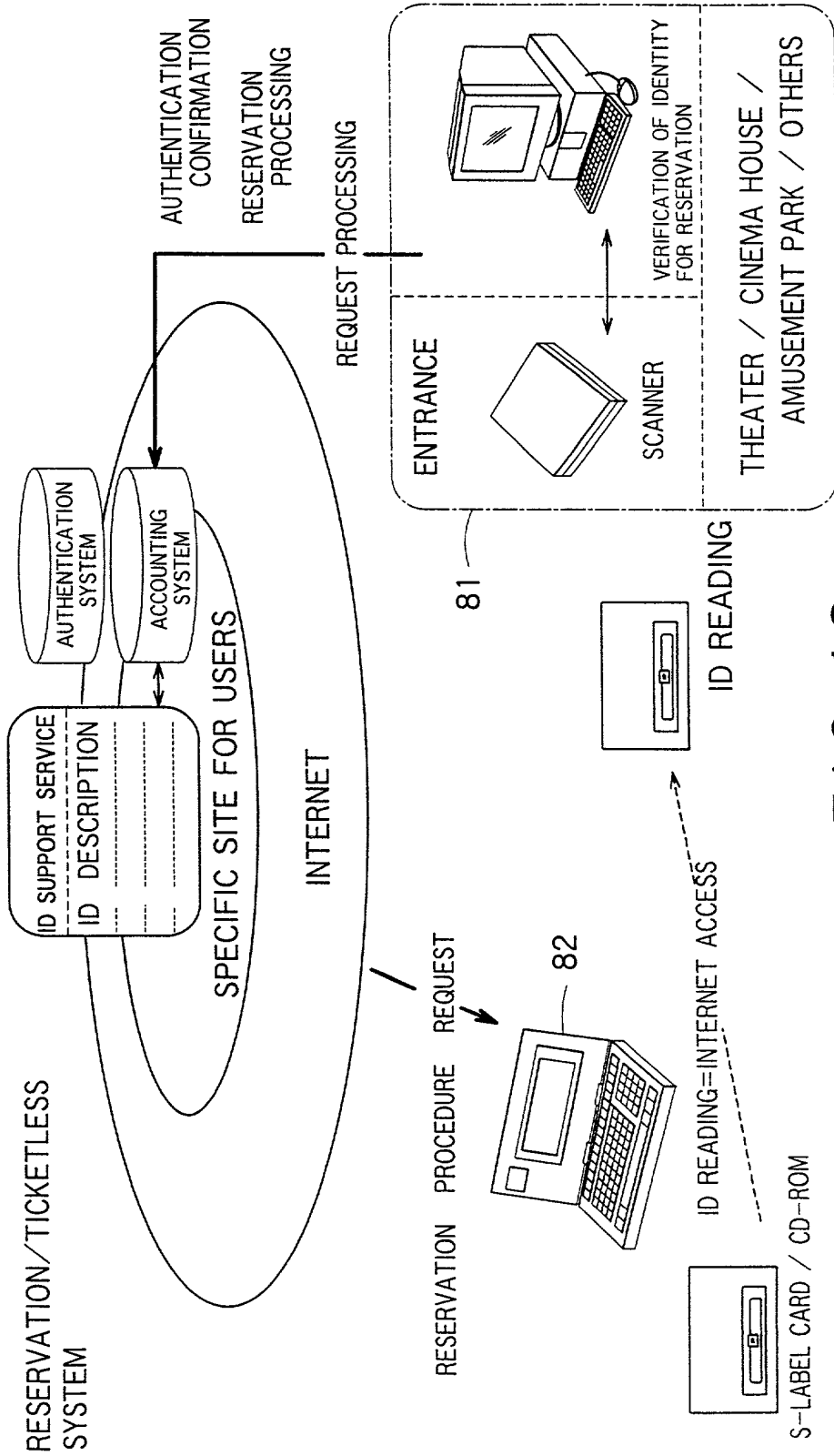


FIG. 13

# CASE EXAMPLE OF INFORMATION PROVIDING SERVICE : ID SUPPORT SERVICE, CONCEPT VI

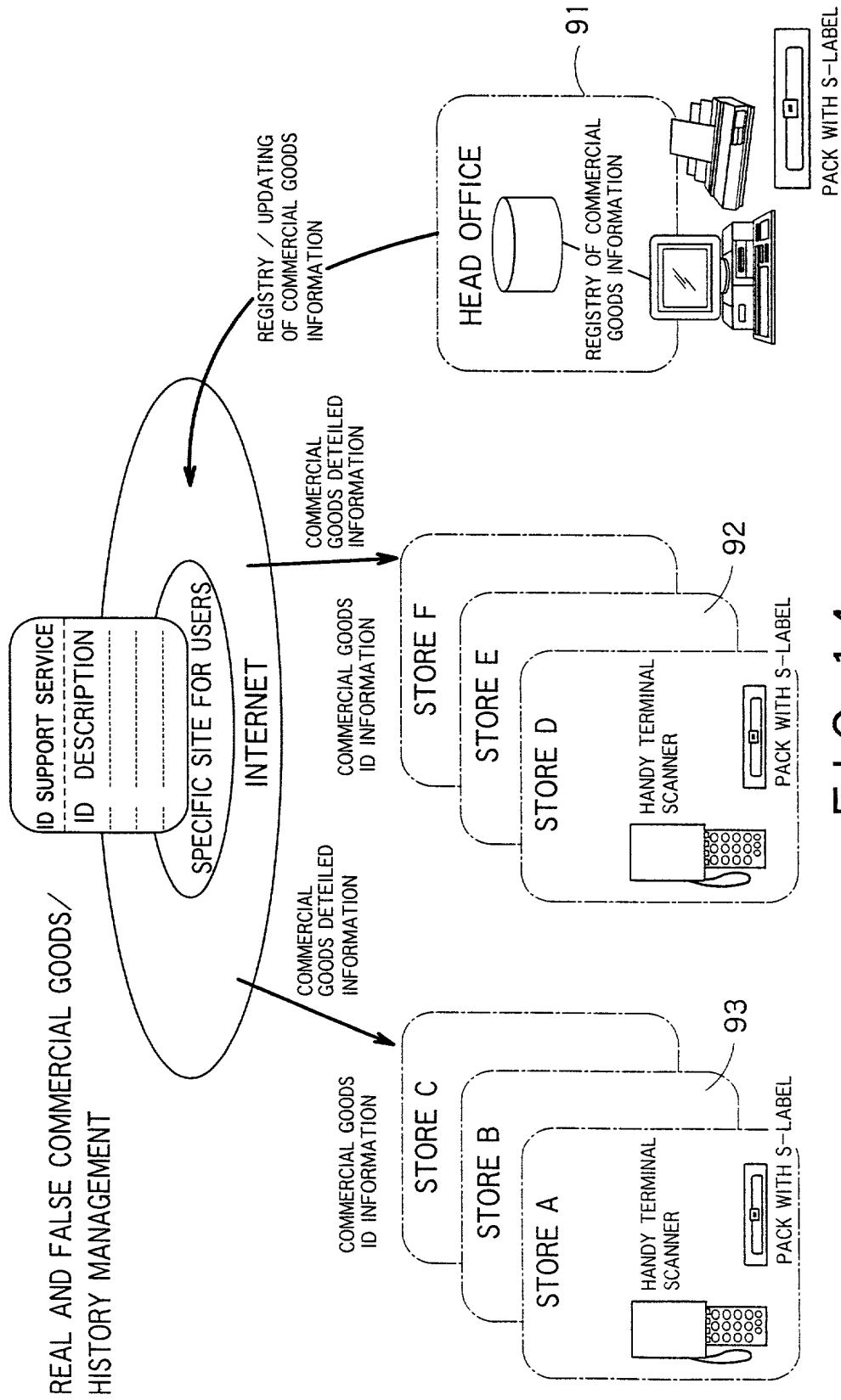


FIG. 14